

Application No. 10/743,390
Amendment dated June 6, 2006
Reply to Office Action of January 6, 2006

Docket No.: 21581-00311-US

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in this application.

Please cancel claims 4-5, 11, and 14-15 without prejudice or disclaimer.

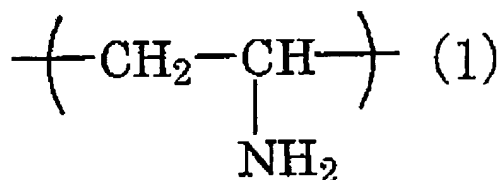
1. (Currently Amended) A pretreatment method for subsequent coating comprising pretreating a surface with a chemical conversion coating agent to form a chemical conversion coat,

wherein the chemical conversion coating agent comprises fluorine and at least one member selected from the group consisting of zirconium, titanium and hafnium,

the chemical conversion coat has a fluorine concentration of 10% or less on an atom ratio basis of the chemical conversion coat, and

at least a part of the surface ~~to be treated~~ is an iron material; and

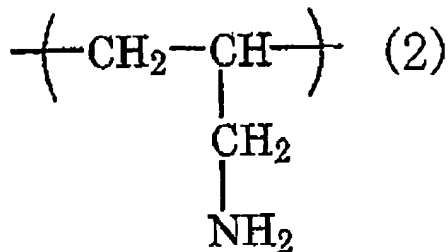
wherein the chemical conversion coating agent further contains ~~at least one member selected from the group consisting of magnesium, calcium, zinc, a silicon-containing compound and copper~~ an amino group-containing-silane coupling agent; and further contains at least one member selected from the group consisting of a water-borne resin containing an isocyanate group or a melamine group or both (i), ~~a water borne resin, and at least one member selected from the group consisting of a mixture of a polyisocyanate compound and a melamine resin and mixtures thereof~~ (ii) and a water-soluble resin having a constituent unit expressed by the chemical formula (1):



or the chemical formula (2):

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or both in at least a part thereof (iii); and wherein said chemical conversion coating agent substantially contains no phosphate ions.

2-5 (Cancelled)

6. (Currently Amended) The pretreatment method for coating according to Claim 1, wherein the chemical conversion coating agent contains 20 to 10000 ppm of at least one member selected from the group consisting of zirconium, titanium and hafnium ~~in terms of total atoms of zirconium, titanium and hafnium~~ and has a pH of 1.5 to 6.5.

7-20 (Cancelled)